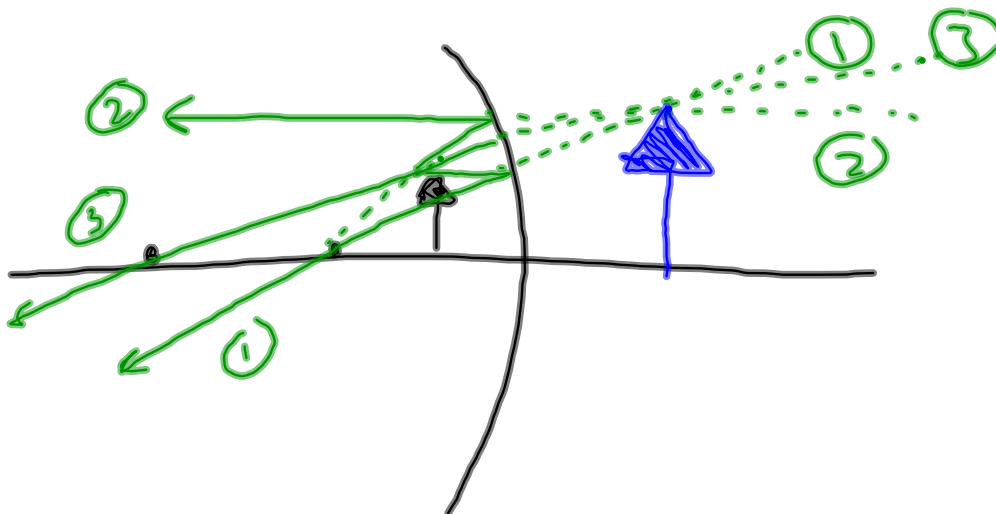


Concave mirror

$$f = 40 \text{ cm} \quad d_o = 18 \text{ cm} \quad h_o = 10 \text{ cm}$$

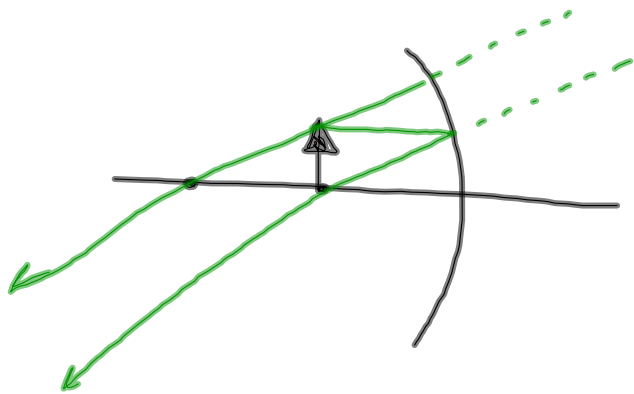
Find: image characteristics, h_i , d_i

Draw ray diagram to verify

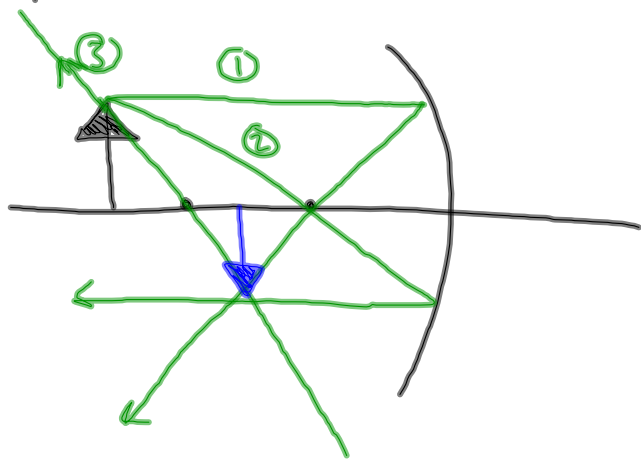


$$h_i = 18.2 \text{ cm}$$

$$d_i = -32.7 \text{ cm}$$



Rays for Mirrors:



Ray Diagram for Lenses:

